

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY DOCKET NO.

265/247

SERIAL NO.

Not Yet Assigned

APPLICANT:

Jing Cheng et al.

FILING DATE:

Herewith

GROUP:

1743

11000 U.S. PTO
09/905755
07/13/01

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
JS	AA	3,346,479	10/67	Natelson	204	301	04/09/64
	AB	3,375,187	3/68	Buchler	204	301	05/13/65
	AC	3,533,933	10/70	Strauch	204	180	04/01/68
	AD	3,539,493	11/70	Dorman	204	299	08/31/67
	AE	3,616,454	10/71	Levy et al.	204	299	03/13/69
	AF	3,640,813	2/72	Nerenberg	204	299	06/09/69
	AG	3,697,405	10/72	K. Butter et al.	204	275	11/03/69
	AH	3,773,648	11/73	Van Welzen et al.	204	299	10/25/72
	AI	3,791,950	2/74	Allington	204	299	02/14/72
	AJ	3,902,986	9/75	Nees	204	299	04/23/73
	AK	3,980,546	9/76	Caccavo	204	299	06/27/75
	AL	4,111,785	9/78	Roskam	204	180	05/16/77
	AM	4,390,403	06/28/83	Batchelder	204	547	
	AN	4,441,972	04/10/84	Pohl	204	180	04/08/83
	AO	4,479,861	10/84	Hediger	204	180	07/19/83
	AP	4,661,451	04/28/87	Hansen	435	174	
	AQ	4,699,706	10/87	Burd et al.	204	301	05/30/86
	AR	4,787,963	11/88	MacConnell	204	180	05/04/87
	AS	4,877,510	10/89	Chen	204	299	10/25/88
	AT	4,908,112	03/90	Pace	204	299	06/16/88
	AU	5,126,022	06/92	Soane	204	180	02/28/90
JS	AV	5,139,637	08/92	MacConnell	204	299	03/13/91

OC-86907.1

EXAMINER:

Not Yet Assigned

DATE CONSIDERED:

9/30/04

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FORM PTO-1449 LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY DOCKET NO. 265/244	SERIAL NO. Not Yet Assigned
	APPLICANT: Jing Cheng et al.	
	FILING DATE: Herewith	GROUP: 1743

93	AW	5,151,189	09/92	Hu Et al.	204	635	09/17/90
	AX	5,161,165	09/92	Huynh	204	299	04/25/90
	AY	5,209,831	05/93	MacConnell	204	299	06/14/91
	AZ	5,217,593	6/93	MacConnell	204	299	07/30/92
	BA	5,269,931	12/93	Hu Et al.	210	635	08/20/91
	BB	5,340,499	08/94	Shukla	204	180	10/23/92
	BC	5,344,535	09/06/94	Betts Et al.	204	183.1	
	BD	5,376,249	12/94	Afeyan Et al.	204	180	11/25/92
	BE	5,382,511	01/95	Stapelton	435	6	08/24/92
	BF	5,434,049	07/95	Okano	435	6	02/24/93
	BG	5,451,500	9/95	Stapelton	435	6	03/03/92
	BH	5,569,367	10/29/96	Betts Et al.	204	547	
	BI	5,653,859	08/05/97	Parton Et al.	204	450	
	BJ	5,589,047	12/31/96	Coster Et al	204	450	
	BK	5,605,662	02/25/97	Heller Et al.	422	68.1	
	BL	5,795,457	08/18/98	Pethig Et al.	204	547	
	BM	5,814,200	09/29/98	Pethig Et al.	204	547	
93	BN	5,858,192	01/12/99	Becker Et al.	204	547	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
93	BO	434985	1/75	Russia				
	BP	616568	7/78	Russia				
	BQ	DE 4400955 A1	06/29/95	Germany				X
93	BR	WO 93/05166	03/18/93	PCT	5		X	

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FORM PTO-1449	ATTY. SCKET NO.	SERIAL NO.
	265/24	Not Yet Assigned
	APPLICANT:	
	Jing Cheng et al.	
LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE:	GROUP:
	Herewith	1743
(Use several sheets if necessary)		

95	BS	WO 96/07917	03/14/96	PCT	5		X	
	BT	WO 93/05390	3/93	PCT Published				
	BU	WO 97/08293	3/97	PCT				
	BV	PCT/GB95/02024		PCT				
	BW	EP 0 471 949	2/92	EPO				
	BX	EP 0 544 969	6/93	EPO				
	BY	EP 0 287 513	10/88	EPO				
95	BZ	8021679	3/73	Japan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
95	CA	Camag, Inc. Product Literature
	CB	Fuhr et al., <u>Positioning and Manipulation of Cells and Microparticles Using Miniaturized Electric Field Traps and Travelling Waves: Sensors and Materials</u> , Vol. 7, No. 2 (1995) 131-146
	CC	"Dielectrophoretic Manipulation of Particles," Wang et al. <i>IEEE Transactions on Industry Applications</i> , Vol. 33, No. 3 (May/June 1997)
	CD	"Dielectrophoretic separation of bacteria using a conductivity gradient," Markx et al. <i>Journal of Biotechnology</i> , 51 (1996) 175-180
	CE	"Dielectrophoresis: Using Inhomogeneous AC Electrical Fields to Separate and Manipulate Cells," Ronald Pethig, <i>Critical Reviews in Biotechnology</i> , 16(4):331-348 (1996)
	CF	"Positive and negative dielectrophoretic collection of colloidal particles using interdigitated castellated microelectrodes," Pethig et al., <i>J. Phys. D: Appl. Phys.</i> , 24 (1992) 881-888
	CG	"The removal of human leukemia cells from blood using interdigitated microelectrodes," Becker et al., <i>J. Phys. D: Appl. Phys.</i> , 27 (1994) 2659-2662
95	CH	"Dielectrophoretic characterization and separation of micro-organisms", Markx et al., <i>Microbiology</i> (1994) 140, 585-591

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ATTY. DOCKET NO.
612404-377 (formerly
265/247)

SERIAL NO.
09/905,755

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT:
Cheng J.

FILING DATE:
July 13, 2001

GROUP:
1753

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
<i>JS</i>	3,627,137	12/14/1971	Bier	210	321	12/14/1971
	4,326,934	04/27/1982	Pohl	204	547	12/31/1979
	4,617,102	10/14/1986	Tomblin et al	204	299	03/21/1985
	4,737,259	04/12/1988	Ogawa et al	204	299	12/29/1986
	4,936,963	06/26/1990	Mandecki et al	204	182.8	05/23/1989
	5,078,853	01/07/1992	Manning et al	204	299	03/22/1991
	5,427,664	06/27/1995	Stoev et al	204	182.3	07/22/1993
	5,593,580	01/14/1997	Kopf	210	321.75	03/15/1995
	5,728,267	03/17/1998	Flaherty	210	321.67	11/15/1994
	5,849,486	12/15/1998	Heller et al.	435	6	09/27/1995
	6,017,696	01/25/2000	Heller	435	6	07/07/1994
	6,048,690	04/11/2000	Heller et al	435	6	05/14/1997
	6,051,380	04/18/2000	Sosnowski et al	435	6	12/05/1997
	6,071,394	06/06/2000	Cheng et al.	204	547	01/30/1998
	6,099,803	08/08/2000	Ackley et al.	422	68.1	02/20/1998
	6,280,590	08/28/2001	Cheng et al.	204	463	04/13/2000
<i>JS</i>	6,309,601	10/30/2001	Juncosa et al.	422	68.1	05/01/1997

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GROUP 1700

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATIO YES NO
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IRI:1046896. EXAMINER:

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9/30/04

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ATTY. DOCKET NO.
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09/905,755STATE OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
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APPLICANT:
Cheng J.FILING DATE:
July 13, 2001GROUP:
1753

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATIO YES NO
JS	DE 2051715 A	04/27/72	Germany (Max Planck)			
I	GB 2118975 A	11/09/83	GB (Nishizawa et al)			
I	GB 1359944 A	07/17/94	GB (Miles Lab)			
JS	WO 01/13126 A1	02/22/01	PCT (Heller et al)			

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IR1:1046896.1 EXAMINER:

DATE CONSIDERED:

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LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKE, D.

612404-377 (formerly
265/247)

SERIAL NO.

09/905,755

APPLICANT:

Cheng J.

FILING DATE:

July 13, 2001

GROUP:

1753



Use several sheets if necessary)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

93	CHENG, J. et al, "Preparation & Hybridization Analysis OF DNA/RNA From E.coli On Microfabricated Bioelectronic Chips", Nature/Biotechnology, vol. 16, 1998, 541-546.
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	WANG, X., "A Unified Theory of Dielectrophoresis and Travelling Wave Dielectrophoresis", J. Phys. D: Appl. Phys., vol. 27, 1994, 1571-1574.
	WASHIZU, M., "Molecular Dielectrophoresis of Biopolymers", IEEE Trans. Industry Applicat., vol. 30, 1994, 835-843.
93	WILSON, T AND SHEPPARD, C., "Theory and Practice of Scanning Optical Microscopy", Academic Press, 1984 (ISBN-0-12-757760-2).

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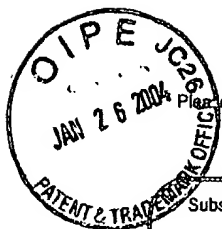
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

Complete if Known

Application Number	09/905,755
Filing Date	July 13, 2001
First Named Inventor	Jing Cheng et al.
Group Art Unit	1753
Examiner Name	John S. Starsiak
Attorney Docket Number	612404-377 (prev 265/247)

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	Number	Kind Code ² (if known)		
JS	US-5445934		Fodor et al	08/29/95
	US-5527670		Stanley	06/18/96
	US-5653939		Hollis	08/05/97
JS	US-6054270		Southern	04/25/00

Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ₆
	Office ³	Number ⁴	Kind Code ⁵ (if known)			
		JS				

Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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